



# Procter&Gamble

## P&G Professional – Europe

EU Master SAFETY DATA SHEET (2001/58/EC)

CPG48 – Issue 2  
Issue Date: June 23, 2005  
Valid until superseded  
Item Code ML/101

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| <b>4. <u>Fire fighting measures</u></b>                  | Not explosive. Not auto-flammable. Not flammable. The product itself will not burn. If anything, packaging may be involved in a fire. Use CO <sub>2</sub> , dry chemical powders or alcohol resistant foam. If water is used, contain run-off.  |
| <b>5. <u>Accidental release measures</u></b>             | Avoid spillage into sewers or surface water. For large spills: pump into plastic containers and rework/dispose as per local legislation. For small spills: use non-combustible absorbant and shovel into container for disposal.<br>Do not bring in contact with acids. Do not use metal containers.  |
| <b>6. <u>Handling and storage</u></b>                    | Assure sufficient ventilation. Store in a cool and dry area.<br>Do not store close to acids.  |
| <b>7. <u>Exposure controls / Personal protection</u></b> | Not a hazard in normal use. No personal protective equipment required.  |
| <b>8. <u>Physical and chemical properties</u></b>        | Appearance: clear aqueous liquid<br>Odour: unperfumed<br>pH (1 % aqueous solution): 11.0<br>Not Flammable. Non-Explosive. Non-Oxidizing.<br>Relative density: 1.13 g/ml<br>Water solubility: high   |
| <b>10. <u>Stability and reactivity</u></b>               | Stable under normal conditions. Materials to avoid: metals, acids. In contact with acids, Cl <sub>2</sub> -gas could be released.   |
| <b>11. <u>Toxicological information</u></b>              | Not acutely toxic; may cause vomiting. If large quantities are ingested, treat symptomatically. Do not induce vomiting. If irritant effects are seen, these will be mild to moderate, depending on exposure. If in contact with eyes, flushing with water is recommended.<br><br>Estimated acute oral toxicity: LD50 (rats) ≥ 2 g/kg<br>Eye irritation: Slightly irritating to eyes<br>Skin irritation: Slightly irritating to skin<br>Chronic toxicity: Repeated exposure to low levels will not cause adverse effects<br><br>Contact sensitization: Does not provoke a sensitization reaction |
| <b>12. <u>Ecological information</u></b>                 | The product is intended for wide dispersive use and is compatible with the down-the-drain disposal route.<br>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  |
| <b>13. <u>Disposal considerations</u></b>                | Professional products ending up down the drain after use. Observe safe handling precautions and local legislation.  |

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| <b>14. <u>Transport information</u></b>  | <p>ADR 2003, European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)</p> <p>English Name: HYPOCHLORITE SOLUTION<br/>ID: UN 1791<br/>Class: 8<br/>Classification Code: C9<br/>Label: 8<br/>Packaging Group: III<br/>Haz. ID No: 80</p> <p>IMO International Maritime Dangerous Goods Code (IMDG), 31st Amend.</p> <p>English Name: HYPOCHLORITE SOLUTION<br/>ID: UN 1791<br/>Class: 8<br/>Packaging Group: III<br/>EMS No: F-A, S-B</p> <p>International Air Transport Association (IATA) Dangerous Goods Regulations, 45th ed.</p> <p>English Name: <b>Hypochlorite solution</b><br/>ID: UN 1791<br/>Class: 8<br/>Label: Corrosive<br/>Packaging Group: III<br/>Pass. &amp; Cargo Aircraft Ltd Qty Pkg Inst: Y819<br/>Pass. &amp; Cargo Aircraft Ltd Qty Max Qty / Pkg: 1.0 L<br/>Pass. &amp; Cargo Aircraft Pkg Inst: 819<br/>Pass. &amp; Cargo Aircraft Max Qty / Pkg: 5 L<br/>Cargo Aircraft Only Pkg Inst: 821<br/>Cargo Aircraft Only Max Qty / Pkg: 60 L<br/>Special Provisions: A3<br/>ERG Code: 8L</p> <p><u>Shipments under Limited Quantities provisions:</u><br/>Product belongs to Packaging Group III:<br/>Maximum allowable quantities in combination packagings: max. 5 litres per inner packaging and max. 30 litres per package.<br/>Outer packaging needs to be clearly and durably marked with the UN number. This mark needs to be displayed within a diamond shaped area surrounded by a line.<br/>Minimum measures are 100 mm x 100 mm.</p> |
| <b>15. <u>Regulatory information</u></b> | <p>This product is not classified as dangerous according to EU Directive 1999/45/EC and national laws.<br/>All substances in the preparation are registered in the EU.</p>  |
| <b>16. <u>Other information</u></b>      | <p>This product does not require any special training before use. Usage and handling instructions are mentioned on package and on this Material Safety Data Sheet.</p> <p><u>Ingredients (EC 648/2004):</u><br/>&lt; 5 % Chlorine-based bleaching agents<br/>Disinfectants</p>  |